

The Carrier

Newsletter of the Mt. Diablo Amateur Radio Club

September 1996

September Meeting

Auction

Friday, September 20

7:00 PM

Our Savior's Lutheran Church

1035 Carol Lane

Lafayette, CA

September 20 is the last club auction of the year.

The auctions are a major source of club funds for MDARC, so be sure to bring lots of spending money and equipment to sell!

The auctions are successful for two reasons: the group of dedicated club members who organize and run the auctions, and club members such as yourself who bring items to sell or donate to the club.

The doors open at 6:00 P.M. for setup. The auction begins at 7:00 P.M., and ends promptly at 10:00 P.M.

Presidential QRM

By Larry Gansz, KB2GV

The vacation's over. The children back in school must mean September. What's next? The auction. Bring your "stuff" and money. We're looking for volunteers to run for offices for next year, including RRRG. Give Mary Jane your recommendations or your name.

The final countdown begins for Pacificon '96. Buy your tickets, make your reservations, save your money—see you there! Want to learn about antennas? The expanded antenna seminar on Friday the 18th offers a great amount of information for beginner to expert. The long list of exhibitors is sure to fill your shopping bag or shack. Cynthia Wall, KA7ITT, speaks at the banquet—don't miss this! Anyone who knows Cynthia or her books can tell you about the dynamic author and ham.

This month's board meeting revisits the bylaws and will look at the comments and inputs from members. Bring your ideas and comments to the board meeting! Also, we're planning the holiday dinner. If you can't bring your ideas to the meeting, call Don Anthony, N6SIA, or one of the board members.

Thanks to everyone for the continued dedicated support on public service events. Keep up the good work. New and veteran hams alike can contribute. Try it. It's educational and rewarding and can be a lot of fun. You just may "like it".

See ya at the auction. See ya on the air. 73's, Larry, KB2GV

MDARC/RRRG Video Tapes Eruption of Mt. Stonebrook

A spectacular event recently took place at Stonebrook Convalescent Center. As part of the facilities' summer vacation event for its room-bound guests, Philippine music and entertainment was provided as well as the simulation of an eruption of a volcano. The program was designed and orchestrated by the Stonebrook Activities Director Laurie Cooper. The volcano featured the sound of thunder, great volumes of smoke and fire and fire works. The club was asked to arrange to have the event videoed live so that it could be seen in the guests' rooms. Through the efforts of Richard, WA5HQJ; John, KC6ZMT; Dennis, KC6QHH; Joyce, KD6PNO and Jay, KT6Y, the necessary equipment was set up and connected into their system using a modulator provided by Don, W6NKF. Channel 58 was used, the same frequency used by our ATV repeater W6CX. In preparation for the video work, at least 10 trips were made to Stonebrook. Although most guests did see the video, Murphy struck. Everything was in position for the "big day" of the eruption. It developed that the cable TV company was that same day running tests on channel 58 as part of their planned enhanced audio systems. This caused some interference that will be avoided in the future. Stonebrook, through Laurie and Joe Campbell, KD6DY, thanked the club for its help.

Stranger People

Submitted by KB6QIB as received during World War II

Among the stranger people on this earth are Radiomen. A Radioman is a person either going on or coming off watch. Contrary to belief, Radiomen are not Crazy. A Radioman has two brains; one which is perfectly normal but destroyed during the process of learning radio, and the other, which is in a constant state of turmoil and used proficiently in his work. The later brain is filled with dots and dashes and procedure signs.

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Mt. Diablo Amateur Radio Club W6CX

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The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and space is available.

All material must be submitted to the editor by the first of day of the month of publication. Material is accepted on a first-in, first-out basis. Articles and other material may be submitted via Internet email to nj6a@ccnet.com (preferred), via packet to NJ6A@AC6NY, or delivered to the editor at the address listed below. Material will be accepted in plain ASCII, Word for Windows, or WordPerfect format. Material may also be submitted as hardcopy.

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Stranger People

continued from page 1

Radiomen are like groundhogs. They seldom see the sun. Coming up topside only on Saturday morning at the special request of the Commanding Officer. If the sun is shining and a radioman sees his shadow, he goes below and everyone knows there will be six more days.

Sitting at his typewriter, a Radioman receives an endless story of the world, flowing through his ears, unable to get out because both ears are stopped up by headphones. The stuff flows out through his fingers and is given out as press news, weather msgs, and so forth. When conversing with a Radioman, do not try to paint your story by asking if he remembers "The Message to Garcia," because he will jump up and scream, "What's the number of it? If it's lost, it didn't come on my watch!"

Radiomen live on black coffee and cigarettes. All through the midnight watches they sit and dit and dah, so tired and weary of it all and wondering why they ever chose radio as a profession. When they go off duty, they hurry home to their little "Ham" radio sets and just dit and dah to their heart's content.

Girls who fall for Radiomen will find they are courted with considerable sparking, and after they are married, will receive much broadcasting both loud and long.

Radiomen are found on all ships and in all stations and are quite harmless if left alone, occasionally fed and given annual leave so they may rig up new ham outfits at home.

(Author unknown)

CK's Ode To Dah Code

By Gary Spence VA2CK/VA3QC/KA0PLO

We've all heard the cry "abandon the code!,
it's useless outdated, NOT a mod-er-n model!"
So I said to myself, "could codes' day really be over?"
Best left for SKs' fer-ti-liz-n' the clover?"
So off went my paddle 'n keyer to a museum,
so those curious of our "past" could drop in an' see um.
I then bought a computer and a box I was told...
would update my station, using all hi-tech modes.
It then was set up, all by my own hand...
the screen it lit up et voilà Heard Is-land!
I switched to transmit to "talk with this gent"
but my screen read "sorry, can't copy 100%!"
"There's static, interference if you could hear it you'd agree...
if it ain't armchair copy we machines cry c'est la vie!"
It then said "there is as YOU know a way to get through,
it's called the code, and what luck for you!"
"You've learned this art, you "stuck it out"
'tis a valuable tool, there isn't a doubt."
"You've invested your time, and besides the code you did learn,
possession of valuable skills must be... EARNED!"
So I say to you now don't get fooled when some say...
"Codes an' old dinosaur fadin' away!"
It's part of our past, present and future existence...
anti-coders prepare for "beaucoup de resistance"

There will be a meeting on September 21 at 9:00 am at Baker's Square in Concord for all VE's participating in Pacificon.

All exams, including code exams, will be given Saturday and Sunday 9-12 P.M. at Pacificon.

Letters to the Editor

To: MDARC President and Directors
Subject: Some reflections about elections

You have been recently looking into revising your By-Laws and I would submit these suggestions in terms of making it a part of your By-Laws or as part of a written policy to guide those who are appointed by you to carry them out.

Your Mail ballot drew 100 ballots or 6.5% of the membership at a cost of \$208 dollars plus materials, labels and printing. Also, most mail balloting is handled by a non related company to insure control and non manipulation of ballots. You must realize that many new persons are more interested in the advantage of using auto patch than entering into the politics of the club. It would be more efficient and economical to have an election night, prove valid membership and receive a ballot and vote on the spot.

The idea of nominating two candidates per office is questionable to me. First, it's a slap in the face to your incumbents that want to continue because it implies that maybe they did a bad job. In addition, this is a way to bypass an incumbent that is not competent. Secondly, two candidates have to be selected for each position, that makes it mandatory for the Nominating Committee to fill each position with two candidates. If this is not done then those with a person running against them are being discriminated against and the nominating committee is given the leeway to manipulate the election by not selecting a second nominee. It is also a courtesy to the membership and nominees to specify on the ballot if the nominee is an incumbent.

And lastly, the timing of the election should start in such a manner that the Nominating Committee should be appointed and given 60 days to make a report, then the next meeting after the nominating committee report, the nominees are introduced at the meeting and given the opportunity to say a few words. This then concludes the Nominating Committee duties. On the night of the election, the President should randomly select three members to be the ballot counting Election Committee. The election committee should be comprised of persons not on the nominating committee.

Rodney Raines, KE6QYK

Dear Jerry,

Earlier this year a committee expended considerable effort in attempting to find a way to revise or amend the bylaws of our club so that they would reflect the current requirements of the State of California and the wishes of the membership of MDARC. According to the report of the Vision Committee (April 1996 *Carrier*) "only a few areas need to be 'fixed' to bring the bylaws current." The work of the committee was published in the *Carrier* and was critiqued by me and other members of the club at the May 1996 General Meeting. Since that time there has been no known action by the committee; Paul Girard, at the June 24, 1996 Director's Meeting reported that there had been no further action.

I made available to Paul the recommendations that I made at the general meeting. I have since prepared a revised copy of the bylaws that I believe incorporates most, if not all, the desired changes, certainly more than "only a few areas". I furnished a copy to Paul Girard under letter dated May 22, 1996 and have given a copy to the other committee members as their identities became known to me.

The matter of revision of the bylaws was not brought up at the July Director's meeting so it is not known if any progress has been made in concluding this matter. I am concerned that the next time that we will hear of the revisions, it will be as they are thrust upon us. In order that there might be an opportunity to study the matter, I have enclosed a copy of my recommendations for insertion in the *Carrier*. I hope you will publish them along with this letter. Note that the proposed amendment copy shows proposed deletions by ~~strikeout~~, additions or relocations by underline and *italic*. If for some reason you will not be able to publish my work, please let me know as soon as that determination is made. Thank you.

73 Richard WA5HQJ

Richard's proposed bylaws changes appear on pages 8 and 9 of this issue. Pages 8 and 9 are a direct scan of Richard's hard-copy, so any errors are Richard's and not mine ;-). - Ed.

...At Your Service

By Charles A, AC6WU

The main purpose of Amateur Radio is *FUN*, it also has a serious side however and that's why its known as the "Amateur Radio Service". Countless lives have been saved where skilled hobbyists have acted as emergency communicators to render aid.

Traditionally, trained volunteer Amateur Radio operators have provided communications support to government and private relief organizations in times of disaster. In 1935, the ARRL developed what now is called the Amateur Radio Emergency Service (ARES). It consists of amateurs who voluntarily register their qualifications and equipment for emergency communications. **Every licensed amateur is eligible for membership.** The only qualification other than possessing an Amateur Radio license is a sincere desire to serve. One is not required to be an ARRL member.

Are you interested in public service activities or preparing for emergency communications? Perhaps you can help with message centers, sporting events or weather spotting. ARES will provide training with meetings, scheduled nets, drills or even real emergencies. After you get some training and practice, you may want to refine your skills in emergency communications. There are many opportunities available and the need is great.

Information about ARES may be obtained from ARRL Headquarters or myself, MDARC's Emergency Coordinator. Please feel free to ask about how you can help. I can be reached at 510 706-2625. Listen in on the Thursday evening net for announcements concerning any future ARES training sessions, drills or meetings.

Incidentally, on an operating note, do you know what should be done when placed on hold during a phone patch and recorded music is played while you wait? Well, unless you have made contact with the space shuttle through the local repeater, *music is not allowed on Amateur Radio*. Hang up and use a telephone to make your call! (See FCC Rules Part 97.113 (4.5e))

On that note (pardon the pun), I wish you all good transmissions, 73's, Charles, AC6WU.

MDARC General Meeting Minutes

8-16-97

President Larry, KB2GV, opened the meeting at 7 P.M. and called for introduction of visitors and upgrades and new calls.

The July minutes were approved.

No Treasurer report. Out of town.

Secretary also absent. Walt Ebbett, KB6QIB, was acting secretary.

Emergency Coordinator also absent.

Education - Jim, WB6LQG, reported that new classes will begin Sept. 10th.

Membership - Dick, AA6DL, reported membership at 628.

Public Service - Mike, KE6JGA, said that there were no new events. 4 events in Au-

gust need 35 operators. 2 events in September need 20-25 operators. **Please volunteer.**

Carrier Editor Jerry, NJ6A, had nothing to report.

Pacificon - Dick, KT6X, said there would be a planning meeting August 17th, usual place. Also, get your banquet tickets now. They are going fast.

Elmer - Ray, KD6BLS, reported book

donations to Junior and Senior High Schools. Volunteers are needed at the Pleasant Hill library for 2 hours a week to help with Internet.

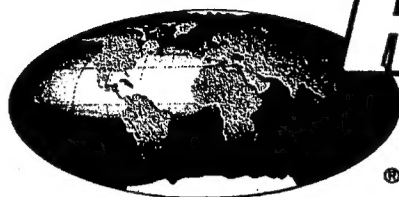
Pres. Larry urged anyone interested in being an Elmer to let Ray know. Help is needed on the Christmas Party Dinner. Let Geo., WB6OFH, know your suggestions. The Pres. said "come on down," to the Board Meeting. The By-Law discussion is tabled until September.

Nominating Committee - Members of the committee are; Mary Jane Walker N6HVR, Ray Gasch KD6BLS, Fletcher Young KI6RP and Jeff Strauss KE6QYM.

Inter Net is going to show information on various aspects of Amateur Radio.

Pacificon - Volunteers are needed at Pacificon to man the information center.

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Greg Nelson, WB6MBD, presented an interesting program on AEI (Automatic Equipment Identification), using overhead projection and Video. AEI tracks shipping containers on trucks, ships, trains and planes by tag technology. Tags with a microchip attached to each container is scanned as it passes various check points. They can be scanned when container is moving up to 180 miles an hour. When contents of a container are changed, the tags are reprogrammed. AEI gives shippers an up-to-date location of their goods and when they can be expected at destination.

Greeter Geo. said there were 102 present at the meeting.

MDARC Board of Directors Minutes of Meeting

August 19, 1996

The Board meeting was opened at 7:30 p.m. by President Larry, KB2GV, at Emil Villas. Other officers present were Greg, KE6VTA, Paul, N6JOX, and Ray, KD6BLS. Absent was Bruce, AH0U. Also present were George, WB6OFH, Dick, AA6DL, Dick, KT6X, Sam, KO6JR and Don, N6SIA. Charles, KQ6FH joined the meeting in progress.

The minutes of the last meeting were approved as printed with the

amendment of the correct spelling of Andersen. The President noted that the RRRG Secretary resigned because the RRRG meeting minutes were not published in the *Carrier*.

Treasurer Greg, KE6VTA reported no changes from last month.

Sam, KO6JR reported that the September meeting would be the auction and October would be Pacifcon. Beyond that, topics were being negotiated.

Ray, KD6BLS discussed which books to purchase for schools. The consensus was that an elementary radio book would be most useful at the junior high level—such as Understanding Basic Electronics.

Ray also proposed that we thank Richard Shappee, WA5HQJ for getting pictures in QST.

The President will direct the Secretary to write such a letter.

Larry announced that there were now 630 members in the club according to Dick, AA6DL.

Paul, N6JOX noted that a flyer on the Jamboree On The Air (JOTA) would be available at the auction meeting. He will check with Lew Cook, K5QXX regarding the special event station.

Sam, KO6JR noted that with the appointment of Larry Kaye, W6CPO as Assistant Section Manager, Sam had been appointed District Emergency Coordinator and the rest of the AECs remained about the same. The new meeting place for the monthly EC meeting will be Emil Villas in Concord.

George, WB6OFH and Don N6SIA discussed the Holiday Dinner party. Tentative dates of Dec. 20 or Dec. 18 were discussed. The Club contribution of prize and award money was discussed. An amount of

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\$500 was approved (\$300 for prizes and \$200 for awards). The award recipients will be selected by the Board. Don will continue to check into dates and possible caterers. He was appointed Chairman of the party.

Charles, KQ6FH noted that a date was being scheduled for an Antioch SET.

Dick, KT6X discussed three issues regarding Pacificon: 1) The need for the Club trailer at Pacificon is critical. He asked that the trailer committee be advised that there is a carryover fund (previously budgeted) of \$1050 for the outfitting of the trailer. 2) The Board approved a commitment for a Hotel reservation for Pacificon 1997. 3) As one item in the preparation for the fiftieth anniversary of the club, Walter Ebbett, KB6QIB has gathered together old *Carriers* and other information about the Club history. An editor is needed to narrate and edit this material.

Larry, KB2GV reminded the Board that a Chairman was needed for the 50th Anniversary year-long celebration.

Ray, KD6BLS mentioned that he needed more Elmers to volunteer.

Don, N6SIA is looking into obtaining VE jackets.

Larry, KB2GV noted that he had appointed so far to the nominating committee the following members: Mary Jane Walker, N6NVA, Fletcher Young, KI6RP and Jeff Straus, KE6QYM. He anticipates appointing others.

Larry reminded the Board that the next meeting was Sept. 23. At that meeting, Club By-Laws will be discussed. Proposed changes should be submitted to the Board in advance of the meeting, and also placed on the Club bulletin board. Any approved changes will be published in the *Carrier* and electronically prior to the Club meeting.

The meeting was adjourned at 9:10 p.m.

Respectfully submitted
Paul Dickey, N6JOX
for the Secretary

ARRL Pacific Division Update, September, 1996

By Brad Wyatt, K6WR, Director, Pacific Division, ARRL

FCC Report and Order on RF Exposure Announced

On Aug. 1, 1996, the FCC issued a Report and Order changing dramatically the rules under which all transmitters licensed under the FCC will be operated from an RF Safety point of view. The rule goes into effect on Jan. 1, 1997. The FCC had been considering this docket (93-62) for sometime. The Telecomm Act of 1996 told the FCC to do something within 180 days from the February 1996 enactment. This R&O is the result. Unfortunately, apparently no one outside the FCC has been recently involved in the discussions and so no advance warning was given for the announcement. While there is a lot of "on the air" and Internet traffic concerning this R&O, about all that is really certain is that an Amateur Radio transmitter operating under 50 watts is exempt from the certification requirement. Previously, all Amateur Radio transmitters had been exempt. If your rig is over 50 watts then some type of calculation and certification will be required. Just what and how this will be done is very unclear at the moment. ARRL is actively working this problem from both technical and policy points of view. The text FCC R&O (ET Docket 93-62) can be found on the FCC web site under URL — <http://www.fcc.gov/oet/> Visit the ARRL WWW site for all the information currently known. Between now and Jan. 1, 1997, there will be lots of discussion on what this all means. There may also be Petitions for Reconsideration of the R&O filed with the FCC. Stay tuned!

The FCC Now Has a Toll Free 888 Central Number to Answer Questions

Call (888) 322-8255 [888 FCC TALK] to learn what information the FCC National Call Center, part of the Compliance and Information Bureau, in Gettysburg, PA, delivers. The center is open 8:00 AM to 4:30 PM ET Monday thru Friday. Outside those hours there is a very rudimentary voice response system. Calls during working hours gets you to a real human being who tries to be helpful but seems not overly well informed on many aspects of the Amateur Radio Service and related matters. For example, if you want to discuss a repeater jammer problem, they tell you to contact the ARRL without giving you any clue of how to reach ARRL or who to ask for. Another example, if you want to discuss interference involving a piece of consumer home entertainment equipment, they suggest you call the manufacturer. If you ask about telephone service problems, they refer you to your state Public Utility Commission. No mention is made of existing and available FCC brochures and policy statements.

Five (5) VHF, UHF and Microwave Bands Are Now Under Active Challenge

2m/70cm Band Threats

There have been two more meetings of the IWG2A since the last Update. There has been no substantive discussions on removing the 144/440 bands from the list of candidate bands; no mechanism has appeared to remove them; and no effort has been launched by anyone to develop even a plan for a compatibility study for sharing. The meetings are scheduled every three weeks. ARRL will be there. It appears likely that little or nothing will happen in IWG2A until the November 1996 time frame when their report is due to the WRC97 Advisory Committee. So WHAT do we do now?

1. Monitor the progress of this unfolding drama!

For the latest news on this volatile issue, read QST, ARRL Letter, Pacific Division Updates in hard copy. Read ARRL Letter, Pacific Division Updates on email; visit Pacific Division WWW site. Visit the ARRL Home page at <http://www.arrl.org/> and click on "Band Threat News."

2. Join ARRL!

The ARRL is the only effective national organization fighting for YOUR 2 meter and 70 cm. hand held operating privileges. It is easy to join and help us win this battle to preserve our privileges.

3. Then write. Right now—and continue through Summer and Fall!

Comments by e-mail should be sent to: wrc97@fcc.gov. Hard copy written comments, with an original plus one copy, should be sent to: Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Each comment should include at the top, "Reference No. ISP-96-005" and "Advisory Committee Informal Working Group 2A." We must keep up this activity consistently throughout the Summer and Fall until November. You can find further background information in previous Pacific Division Updates (see the Pacific Division WWW site — pdarll.org), QST and the ARRL WWW site.

1296 MHz Band Threat

The following information was sent to me by John, WB6QKF, on July 22, 1996, and delivered to ARRL HQ, ARRL General Counsel, and the Pacific Division 1296 MHz Alert Team — "I noticed the following item in GPS World magazine, July 1996, page 22, 'NEWSFRONT'. The proposed 1258.29 MHz frequency is smack in the middle of the 1240-1300 MHz Amateur Radio allocation. The GPS frequencies use a 20.46 MHz bandwidth (plus guardbands), which would eliminate amateur radio use of 1245-1270 MHz. We already lost 1215-1240 for the GPS L2 frequency (1227.60 MHz). All GPS frequencies are on multiples of 10.23 MHz." We must act quickly to protect this valuable spectrum. In urban areas, this band is the only spectrum available for additional repeaters, especially Amateur Television, high speed data links and new modes. I am sure the military and FAA would object to use of the 1207.14 frequency as intruding on the available TACAN and DME spectrum. The GPS signals use a direct-sequence spread spectrum modulation which permits multiple satellites to transmit on the same frequencies using different modulation codes. This technique uses a lot of bandwidth, which must be protected from interference due to the extremely low signal levels received on the ground."

2400 MHz Band Threat

On June 10, 1996, DSC Corp. of Plano TX filed a petition with FCC (RM 8837) to start a wireless local loop telephone service, using wireless to replace telephone drop lines from the pole to homes. A wide range of spectrum is involved but some of it is in the 2400 MHz Amateur Radio Service spectrum. The ARRL HQ and General Counsel are very involved and the Pacific Division 2400 MHz Alert Team has been passed the information. Unfortunately the date for filing comments on this fast track, surprise petition was Aug. 10, 1996. Fortunately, even if the petition is granted, there should be another round under a Notice of Proposed Rule Making, where all interested parties

will have a chance to comment. ARRL plans to file on this matter.

5800 MHz Band Threat

This threat is by NPRM ET Docket 96-102, based on the petitions from Apple Computer and WINForum, to grant access to the Amateur Radio Spectrum from 5725-5875 MHz band for the NII/SUPERNET proposal for free spectrum for very high data rate LANs and other activities for schools, libraries, hospitals. This is a very highly charged political matter. ARRL HQ, General Counsel, and the Pacific Division 5725-5875 MHz Alert Team are in action. Comments were filed on July 15, 1996, and Reply Comments are due Aug. 14, 1996. It is very unclear what will happen in this NPRM as the FCC Commissioners want to grant something to this service, but how far they will go is unknown. It is also clear that action will likely be taken prior to the November Presidential elections to allow maximum political benefit.

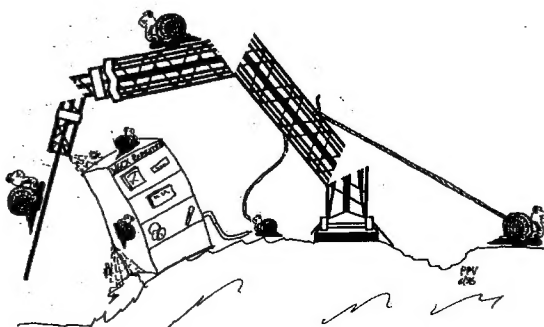
Ramblings From The Editor

This edition of the *Carrier* marks the start of my second year as editor. Thanks to everyone who contributed articles, information, and advice over the last year. Please don't stop now—keep those articles coming! Special thanks go to my regular contributors over the last year: Paul Girard, Larry Gansz, Dick Schulze, and Mike Patterson.

I really want to see more technically oriented articles in the *Carrier*. Even product reviews and impressions are welcome—think about me the next time you buy a new rig or antenna!

This issue also marks my transition from Windows 95 to Windows NT 4.0 as the operating system on the machine I use to layout the *Carrier*. I've gotten past most of the usual quirks and glitches, but others are surely lurking in the shadows. I've been using Windows NT for quite a while, but this is my first attempt to use it for *Carrier* layout. I enthusiastically recommend NT to anyone with the hardware resources to run it—it certainly beats the often flaky behavior I've encountered with Windows 95.

W6CX Repeater Repairs Continue
at a Rapid Pace...



MDARC membership seems
alarmed over bylaws changes

DDV
6/96

Proposed Amendments to the By-Laws Of The Mt. Diablo Amateur Radio Club

(Proposed deletions are shown by ~~strikeout~~, additions or relocation by *italic and underscore*)

PREAMBLE: The object and purpose of the Mt. Diablo Amateur Radio club is to further the interest of Amateur radio and all those interested therein, to be of service to our community and country in times of need, to provide fellowship among our members, ~~and to promote harmony with all in our community, to maintain and develop strong leadership roles in amateur radio, to expand interest in communications technologies, to participate in education and public service, to promote amateur radio, to provide for growth of our hobby, and to increase friendship inside and outside the club.~~

ARTICLE I - NAME AND OFFICERS

Section 1. This organization shall be known as the "Mount Diablo Amateur Radio Club", *a non-profit California corporation.* and its officers shall consist of a President, Vice President, Secretary and Treasurer. All terms of office shall be one year. Each officer shall hold a current United States amateur radio license. and be a ~~United States citizen.~~

Section 2. Officers *and directors* shall be elected by ballot mailed to all members in good standing. Said ballots shall be tabulated at the regular November meeting. Newly elected *officers and directors* shall will take office on the first of January.

Section 3. *The Club shall not carry on propaganda or otherwise attempt to influence legislation. The organization shall not participate nor intervene in any political campaign on behalf of any candidate for public office.*

ARTICLE II - CLUB DUTIES AND/OR AUTHORITY

Section 1. PRESIDENT

1.1 Duties shall be to call and preside over all official meetings.

1.2 Shall appoint all necessary committee chairpersons.

Section 2. Vice President

2.1 Duties shall be to assist the President in the discharge of the President's duties and to preside in the President's absence.

2.2 Shall also be the program chairperson.

Section 3. SECRETARY

3.1 Shall record the minutes of all official meetings and maintain a record of each for inspection by Club members.

3.2 Shall execute all necessary correspondence.

3.3 Shall maintain all Club Historical records.

Section 4. TREASURER

4.1 ~~Shall accept and record all monies and properties of the club.~~

4.2 ~~Shall maintain a true and complete account of all club assets and liabilities and prepare a signed Semiannual Report, as of June 30th and December 31st, for inspection by club members.~~

4.1 *Shall act as the Principal Financial Officer of the club; be custodian of all club funds; keep complete and accurate records of the receipt and disbursement of such funds.*

4.2 *Shall maintain a true and complete account of all club assets and liabilities including capital items and prepare formal written reports as of June 30 and December 31. These reports shall be published in the Carrier.*

4.3 *Shall report the financial condition of the club at each general membership meeting.*

4.4 *Shall be responsible for all necessary tax filings with city, county, state and federal jurisdictions.*

4.5 *Shall prepare an annual budget of income and expense of the club and its committees and groups. Shall arrange to have the budget published in the Carrier not later than the February issue.*

Section 5. EMERGENCY COORDINATOR

5.1 Shall coordinate club activities with RACES/ARES officials.

5.2 Shall maintain all records of information pertaining to those activities.

Section 6. BOARD OF DIRECTORS

6.1 The board of directors shall consist of the officers, *four* ~~two~~ directors, and *the* emergency coordinator, all of whom shall be voting members, and are expected to attend all Board meetings.

6.2 Shall meet and conduct *the* general overall plan of club activities. *Minutes of all meetings shall be published in the Carrier.*

6.3 Shall consider and pass all applications for membership. This responsibility may be delegated to a Membership Chairperson.

6.4 Shall be empowered to authorize payment of any bills not exceeding ~~\$200~~ *\$100* *that are not unless an approved budget item.*

6.5 The Board of Directors may appoint a duly qualified regular club member to fill out the unexpired term of any office vacated by declination, resignation, death or removal.

6.6 The ~~two~~ *four* Directors shall be elected from licensed amateurs of the membership. ~~One~~ *Two* shall be elected each year, term of office to last two years. ~~Twth the second two directors to be elected the following year for a two year period. The two new directors authorized by this amendment to the by-laws (June 1996) shall be elected at the balloting in~~

**Mt. Diablo Amateur Radio Club By-Laws, Cont.
1996.**

6.7 The emergency Coordinator shall be a licensed amateur elected from the membership.

6.8 ~~An amendment to the by-laws may be initiated by the Board of Directors or by written request to the Board of Directors signed by five members of the club. In order to be effective the proposed amendment shall be approved by the Board of Directors, published in the Carrier, and approved by two-thirds of the members present at the next regular membership meeting following such publication.~~

ARTICLE III - MEETINGS

Section 1. REGULAR MEETINGS

1.1 Regular meetings shall be held on the third Friday of each month, or at other times, when called by the president or a majority of the membership.

ARTICLE IV - MEMBERSHIP

Section 1. REGULAR MEMBERSHIP

1.1 Any person sincerely interested in Amateur Radio is eligible for membership regardless of race, creed, sex, or national origin.

1.2 PetitionApplication shall be made to the Board of Directors for approval of membership.

1.3 Membership shall be revoked after a review by the Board of Directors and a majority vote of the membership for any of the following: a) Serious infraction of the Radio Laws, Regulations and Treaties of the United States of America. b)Non-payment of dues. c) b)Failure to abide by these by-laws. A member whose membership has been revoked may apply for reinstatement of membership not sooner than one year from the date of the revocation.

1.4 Dues delinquent after January 31 automatically stand the member suspended. Reinstatement may be made upon payment of dues. A member in good standing shall be one whose membership has not been properly admitted and not suspended nor revoked.

1.5 Additional family members must be reside at the same address and one copy of the *Carrier* will be mailed to that family address.

ARTICLE V - FINANCE

Section 1. FINANCE

1.1 The annual dues shall be voted upon by the Board of Directors and ratified by the membership at a regular membership meeting. A proposal to revise the dues shall be published in the Carrier one month before a planned vote and the month of the planned vote shall be \$15 for the first family member paid yearly in advance. Dues for additional family members shall be \$5.00. Dues for new members after June 30 shall be 1/2 half the regular dues.

1.2 Club expenses may be defrayed by dues, donation, auctions or benefit, but not by assessment.

1.3 All authorized checks shall be signed by

the Treasurer, or any other officers designated by the Board of Directors.

1.4 Motions made at a regular membership meeting to expend funds not included in the budget shall be voted upon at that meeting. Authorization to spend the proposed money shall be referred to the Board of Directors and no expenditure shall be made without their affirmative vote.

ARTICLE VI - NOMINATING COMMITTEE

Section 1. NOMINATING COMMITTEE

1.1 The nominating committee shall consist of three members appointed no later than the August Club meeting by the President.

1.2 It shall be the duty of the Nominating Committee a)to procure candidates for each office, b)to qualify nominated members as to membership and willingness to accept the nomination, c)to receive and tabulate ballots.

1.3 Nominations in all forms to shall be presented at the September meeting. Any licensed member may be proposed for nomination from the floor at the September meeting. The nominees' names shall be published in the October and November Carriers.

1.4 Ballots shall be mailed with the November *Carrier*. Voting may be by mail, with receipt required at the Club's post office box prior to the November meeting, or in person at the November meeting. A teller's committee shall be appointed by the President and the results of the election shall be announced at the November meeting.

ARTICLE VII - BY-LAWS REVISION

Section 1. REVISION

1.1 An amendment to the by-laws may be initiated by the Board of Directors or by written request to the Board of Directors signed by five members of the club. In order to be effective the proposed amendment shall be approved by the Board of Directors, published in the Carrier, and approved by two-thirds of the members present at the next regular membership meeting following such publication.

ARTICLE VIII - PUBLICATION

Section 1. PUBLICATION

1.1 There shall be an official publication maintained by the Mt. Diablo Amateur Radio Club in the form of a newsletter to be published monthly and called the "*Carrier*". The editor and staff shall be appointed by the board.

1.2 It shall be mailed to all members in good standing.

1.3 The financing of the *Carrier* shall be from the club's treasury.

~~Approved by the Membership 1/20/89 and 2/17/89~~

Prepared by Richard M. Shappee WA5HOJ 22 May '96

Membership Directory Update

by Dick Schulze, AA6DL

MDARC is pleased to welcome the following new members:

ANGVICK, Gene L., AC6WV, Extra. Joanne (510)-443-1422(h)
2284 College Ave., Livermore, CA 94550
CARLSON, Richard(Dick), KF6FGC, Technician. Carol (510)-820-8133(h)
126 Peake Place, Alamo, CA 94507 (510)-437-3381(w)
COONS, Judith A.(Judy), KF6FGD, Technician. Don KF6CTJ (510)-458-2649(h)
33 Sandview Drive, Bay Point, CA 94565 (510)-646-2842(w)
JACQUES, Herbert B.(Herb), N6FFJA, General. (510)-865-4117(h)
1529 Verdi Street, Apt A, Alameda, CA 94501
KOBBERSTEIN, Terry L., KF6DCH, General. (510)-757-2148(h)
817 Gloucester Street, Antioch, CA 94509 (510)-944-7269(w)
PARKER, Merrill, KF6FVZ, Novice. (510)-689-0479(h)
3631 Wren Avenue, Concord, CA 94519
STRAUS, Eileen, KF6FNX, Technician. Jeff KE6QYM (510)-933-9484(h)
145 Cafeto Court, Walnut Creek, CA 94598-3712
WADE, Margie C., KF6FVU, Technician. (415)-459-3459(h)
84 Jewell Street, San Rafael, CA 94901

Please note there have been changes, shown in bold, for the following:

ARTHUR, Charles, **AC6WU, Extra.** Farideh (510)-706-2625(h)
2504 Dewlap Court, Antioch, CA 94509
BOYD, Jerry, KG6LF, Advanced. Jay KN6BP
P.O. Box 252, Igo, CA 96047
COOK, Lew, **K5QXX, Extra.** Donna KE6PPM (510)-682-9810(h) KB6AML(BBS)
1730 Helix Ct., Concord, CA 94518 (510)-242-7040(w) (510)-242-7022(fx)
COONS, Donald D.(Don), **KF6CTJ, General. Judy KF6FGD** (510)-458-2649(h)
33 Sandview Dr., Bay Point, CA 94565
CROUCH, George W., **KQ6IQ, Advanced.** Marjorie (510)-682-8841(h)
4018 Lillian Drive, Concord, CA 94521
GROOM, Calvin F.(Cal), KE6OEH, **Advanced.** Dolly (510)-439-7843(h)
15 Amelia Way, Pittsburg, CA 94565 (510)-842-1849(w)
HAMPTON, Robert P., **KF6FGH, Technician.** (510)-625-4033(h)
2130 Connie Lane, Oakley, CA 94561
NORBERG, Louis E.(Lou), KF6CEB, **General.** Margaret (510)-672-6787(h)
1471 Lydia Lane, Clayton, CA 94517
PAWELCHAK, Ronald M.(Ron), WD6DSU, **Advanced.** Sharon (510)-674-2267(h)
180 High St., Pacheco, CA 94553 (510)-674-2267(w)
SMITH, Peter(Pete), **W6NZY, Extra.** (510)-680-7106(h) KA6FUB(BBS) kd6Inv@ccnet.com(email)
968 Argenta Dr., Pacheco, CA 94553

NETS

RRRG Nets

APRS Net Tuesdays 1930 Hours
 147.060/+ (100 pl)
 Net Control: Barry, KC6WYA

Phone Net Thursdays 1930 Hours
 147.060/+ (100 pl)
 Net Control: Jay Caldis, KT6Y

ATV Net Thursdays 2000 Hours
 Net Control: Mike Burke, KB6RMT
 Alternate: Sylvia, KC6YJV

Youth Net Thursdays 1900 Hours
 147.060/+ (100 pl)
 Net Control: Jeff Burke, KE6YAW

Contra Costa County Emergency Services HF Net

First Thursday following first Wednesday, 2000 Hours, 3.895 MHz. Net Control: Richard Shappee, WA5HQJ

Sheriff's Amateur Radio Communications Team

Clay Yale, N6YBQ
 (510) 228-8223

Contra Costa County ARES/RACES Nets

Thursdays, 1900 Hours

Central County 145.680 Simplex
 Jim Brunk, N6BHX
 (510) 372-8248

East County 146.535 Simplex
 Jim Tittle, KC6SOE
 (510) 432-3220

South County 146.355/+ (100 pl)
 Greg Nelson, WB6MBD
 (510) 933-5381

West County 145.110/-
 Jim Parker, KD6JCT
 (510) 237-2777

QSY to 147.735/- at 1920 Hours
 Meeting of all County ARES/RACES Nets



October 18 - 20

Amateur Radio Convention

at the Concord Hilton

W6CX

P.O. Box 272613 • Concord, CA 94527-2613
 Hotline: (510) 932-8125
 e-mail: PACIFICON@designlink.com

PACIFICON 96 SPECIAL EVENT STATION

Concord, CA.; Mt. Diablo ARC. W6CX,
 1600 Z Oct. 19 - 2400 Z Oct. 20. PACIFICON 96.
 7.045, 7.265, 14.065, 14.285. Pacificon Jacket Patch &
 Certificate. W6CX, MDARC, 2890 Grande Camino,
 Walnut Creek, CA 94598.

The Mount Diablo Amateur Radio Club will operate a special event Station during PACIFICON 96 at the Concord Hilton on October 19 and 20, 1996. The Station will be operated by the Boy Scouts during 9 am - 12 noon both days to participate in the Jamboree on the Air.

Operating Frequencies Planned are: 7.040 QRP, 7.045, 7.265, 14.065, 14.285. Logo PACIFICON 96 patches will be awarded with the certificate for the first 40 QSL's received. Later QSL's will receive the PACIFICON 95 Patch. QSL - SASE to:

W6CX - MDARC
 2890 Grande Camino
 Walnut Creek, CA 94598.

For further info, contact:

Lew Cook K5QXX
 1730 Helix Ct.
 Concord, CA 94518-3445

510 682-9810

September 18	7:30 pm	RRRG Meeting	Stonebrook Healthcare Center 4367 Concord Blvd., Concord
September 20	7:00 pm	MDARC Meeting	Our Savior's Lutheran Church 1035 Carol Lane, Lafayette
September 23	7:30 pm	MDARC Board Meeting	Emil Villa's, Concord
September 28	9:00 am-Noon	Fairfield Ham Exams Dick, AB6EY, (916) 791-0268	Fairfield Senior Center 1200 Civic Drive, Fairfield Last Saturday of each Month
September 30		October Carrier Deadline	
October 2	7:30 pm	RACES Monthly Meeting	Bakers Square on Willow Pass Road 1st Wednesday every month
October 6	7:00 am-Noon	Livermore Swapmeet	Las Positas College, Livermore 1st Sunday every month
October 6	1:00 pm	Sunnyvale VEC Exams Gene Capener, WW6H, 510-254-5090	Consolidated Fire Training Center 2945 Treat Blvd., Concord 1st Sunday every month

CALENDAR OF EVENTS

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523

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